

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An access floor assembly for installation on a sub-floor, the access floor assembly comprising:

a plurality of elongate support members, each of said support members having a base for attachment to said sub-floor, and a head longitudinally spaced from said base;

a plurality of access floor panels, each said access floor panel defining a top planar surface and an opposed bottom planar surface, each said access floor panel being detachably connectable to the head of at least one of said support members, each of the access floor panels defining a plurality of peripheral edges for abutting a peripheral edge of a respective access floor panel, each peripheral edge including a rib portion; and

a plurality of gaskets for providing an air tight seal between the peripheral edges of abutting access floor panels, each of said gaskets having a first portion for attachment to one of said floor panels and a flexible and resilient sealing portion for creating a seal between the peripheral edges of the abutting access floor panels, wherein the first portion of each of said gaskets has an elongate trim portion attached to one of the floor panels adjacent the top planar surface and the resilient portion forms a lowermost portion of the gasket adjacent the bottom planar surface, the resilient portion having a convex profile that is resiliently depressible into a flattened profile,

wherein the first portion has a top U-shaped portion that engages and surrounds a top edge of the rib portion of the peripheral edge of the panel.

2-5. (Canceled)

6. (Previously Presented) An access floor assembly according to claim 1 wherein each of said plurality of gaskets abuts another one of said plurality of gaskets to form an air seal when the access floor assembly is installed.

7. (Original) An access floor assembly according to claim 1 wherein each of said gaskets is integrally formed on one of said peripheral edges of one of said floor panels.

8-9. (Canceled)

10. (Original) An access floor assembly according to claim 1 wherein the gaskets are formed of a flexible and resilient material.

11. (Canceled)

12. (Currently Amended) An access floor panel for attachment to a pedestal of an access floor assembly, the access floor panel comprising:

a top planar surface and an opposed bottom planar surface, said access floor panel defining a plurality of peripheral edges, each peripheral edge including a rib portion;
and

a plurality of gaskets, one said gasket being attached to each of said peripheral edges, said gaskets each having a first portion attached to a respective said peripheral edge and a flexible and resilient sealing portion adapted to create a seal between said respective peripheral edge and a peripheral edge of an abutting access floor panel, wherein the first portion of said gaskets has an elongate trim portion attached to one of the floor panels adjacent the top planar surface and the resilient portion forms a lowermost portion of the gasket adjacent the bottom planar surface, the resilient portion having a convex profile that is resiliently depressible into a flattened profile,

wherein the first portion has a top U-shaped portion that engages and surrounds a top edge of the rib portion of the peripheral edge of the panel.

13-14. (Canceled)

15. (Original) An access floor panel according to claim 12 wherein each of said gaskets is formed of a flexible and resilient material.

16. (Previously Presented) An access floor panel according to claim 12 wherein the access floor panel and the gasket are attached in one of an interlocking arrangement and by an adhesive.

17. (Previously Presented) An access floor panel comprising a metal frame and at least one gasket,

wherein the metal frame has a peripheral edge that includes a flange portion spaced outwardly from a rib portion, and

wherein said at least one gasket extends around the periphery of said panel and comprises a first portion that engages said peripheral edge and is located between the flange portion and the rib portion and a flexible and resilient sealing portion extending downward from the first portion beyond the flange portion, the first portion having a top U-shaped portion that engages and surrounds a top edge of the rib portion of the peripheral edge of the panel, and the sealing portion forms a lowermost portion of the gasket defined by a convex sealing surface located below the flange portion.

18. (Previously Presented) An access floor panel according to claim 17 wherein the flange portion and the rib portion each have a substantially vertical portion in use and form a channel therebetween, said first portion of said at least one gasket being located in said channel.

19. (Previously Presented) An access floor panel according to claim 17 wherein the first portion forcibly engages the rib portion.

20. (Canceled)

21. (Currently Amended) An access floor panel comprising a metal frame and at least one gasket,

wherein the metal frame has a peripheral edge that includes a rib portion, ~~and~~
~~wherein~~ said at least one gasket comprises a first portion having a U-shaped
top that encompasses and forcibly engages a top edge of the rib portion of the peripheral edge,
and a flexible and resilient sealing portion extending downward from the first portion outside
of the rib portion, and

the resilient sealing portion has a convex outer surface and a corresponding
concave inner surface.

22-27. (Canceled)

28. (Currently Amended) An access floor panel according to claim 17, wherein
the convex ~~portion~~sealing surface has a convex outer surface and a corresponding concave
inner surface.

29. (Currently Amended) An access floor panel according to claim 28, wherein
the convex ~~portion~~sealing surface has a substantially constant thickness.

30. (Canceled)

31. (Currently Amended) An access floor panel according to claim ~~30~~21, wherein
the convex resilient sealing portion has a substantially constant thickness.